

ant-BL-3 anti-BL-3 anti-B

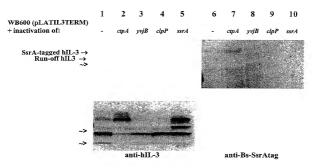


FIG. 5. B. subtilis CtpA has an additional role in the degradation of SsrA-tagged hII-3. Western blot analysis of hII-3 protein secreted by B. subtilis WB600 harboring plasmid (pLATIL3TERM) and carrying either no additional mutation (lane 1, 6), or lacking CtpA (lane 2, 7), YvjB (lane 3, 8), ClpP (lane 4, 9), or SsrA (lane 5, 10). Culture supernatants of cells entering the stationary phase were collected, concentrated by TCA precipitation, analyzed by SDS-PAGE and Western blotting with anti-hIL-3 antibody (lane 1-5) or anti-Bs-SsrAtag antibody (lane 6-10). The straight arrows (-) mark SsrA-tagged hIIL-3 (lanes 1-4 and lanes 6-9), and run-off translation product (lane 5 and possibly (see text) also in lanes 1-4). Degradation products of (SsrA-tagged) hIIL-3 are indicated by ~>.

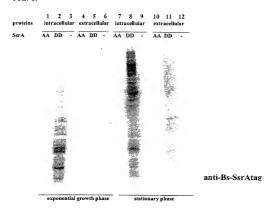


FIG. 6. Tagging of native *B. subtilis* proteins. Total intracellular or extracellular proteins produced by cells in the exponential growth phase or stationary phase of *B. subtilis* 168 expressing wild-type SsrA (AA), 168 $IssrA^{DD}$ expressing SsrA $IssingA^{DD}$ (DD), or 168 $IssrA^{DD}$ expressing SsrA $IssingA^{DD}$ (DD), or 188-SsrAtag antibody.